

Vocabulary Review of Fungus

1. Fungal biologist
2. Main characteristic that distinguishes fungi from plants.
3. Means they break down organic materials.
4. Fungi cell wall material.
5. Fungal digestion is.....(where?)
6. Collective term for branching filaments of a fungus; responsible for nutrition.
7. Filamentous threads of a fungus.
8. Small particles pass through cell membrane (general term).
9. Absorb food from dead or decaying matter.
10. Fungus that live off a host.
11. Plant host of parasitic fungi.
12. Example of parasitic fungus on humans.
13. Plant root symbiotic fungus.
14. Mutualistic relationship between an algae and fungus.
15. Tiny reproductive cell.
16. Visible portion of a fungus.
17. Yeast form of asexual reproduction.
18. Criteria for fungal classification.
19. "mold" fungus
20. "sac" fungus
21. "club" fungus
22. Black spore case on sporangiophore.
23. Ascomycete reproductive structure.
24. Basidiomycete reproductive structure.
25. Zygomycete reproductive structure.
26. Example of lichen.
27. Circular patterns of mushroom growth.
28. Unicellular fungi.

Fungus Review Questions

1. List the numerous roles fungi play in the natural world.
2. a) List the four phyla of fungi.
b) Give examples of organisms from each phyla.
3. Fungi are heterotrophs. Why is this an important characteristic of this Kingdom?
4. Why are Deuteromycetes called the Imperfect fungi?
5. a) Name the main reproductive structure of each phyla.
b) Name the reproductive cell of each phyla.
6. Speculate as to what would happen if the fungi of the world disappeared.
7. Why is the fruiting body of a fungus visible?
8. What are spores? How are they spread?
9. Illustrate digestion in fungi.
10. How might fungi have played a role in the evolution of land plants?

Identify the phyla the following organisms belong to.

1. yeast
2. bread mold
3. puff ball
4. mushroom
5. morel
6. penicillium
7. corn smut
8. mycorrhizae
9. shelf fungus
10. aspergillus

